

**Notice of Allowability**

Application No.

09/474,660

Examiner

William Bangachon

Applicant(s)

LANSFORD ET AL.

Art Unit

2635

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 11/29/04.
2. ☒ The allowed claim(s) is/are 31-41 (renumbered 1-11).
3. ☒ The drawings filed on 29 November 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

### ***Specification***

1. Objection to the specification as failing to provide proper antecedent basis for the claimed subject matter is withdrawn.

### ***Drawings***

2. The drawings were received on 11/29/04. These drawings are acceptable. Therefore, the objection to the drawings under 37 CFR 1.83(a) is withdrawn.

### ***Claim Rejections - 35 USC § 112***

3. The rejection to claims 31-41 under 35 U.S.C. 112 is withdrawn.

### ***Claim Rejections - 35 USC § 103***

4. The rejection to claims 31-41 under 35 U.S.C. 103(a) is withdrawn.

### ***Allowable Subject Matter***

5. Claims 31-41 are allowed. Claims are renumbered 1-11.

6. The following is an examiner's statement of reasons for allowance:

With regards to independent claims 31, 35, and 39, the prior art made of record {USP 6,600,726 (Nevo et al), USP 6,519,460 (Haartsen), and USP 6,683,886 (van der

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Tuijin et al)) do not disclose, in combination with other steps in the claims, a method comprising:

a HomeRF connection point (CP) unit establishing a connection with a HomeRF unit;

the HomeRF CP unit establishing a connection with a Bluetooth unit as a slave to the HomeRF CP unit as a master;

**the HomeRF CP unit determining a contention free period, during which the HomeRF CP unit and the HomeRF do not transfer data;**

the HomeRF CP unit communicating the contention free period to the Bluetooth unit, the Bluetooth unit to wake from a suspended state at the time of the contention free period;

transmitting data between the HomeRF CP unit and the HomeRF unit;

during the contention free period, the HomeRF CP unit ceasing transmission of data to the HomeRF unit and transitioning from a first hopping frequency to a higher second frequency hopping and transmitting data between the HomeRF CP unit and the Bluetooth unit;

at an end of the contention free period, the HomeRF CP unit transmitting a next contention free period to the Bluetooth unit, ceasing transmission of data to the Bluetooth unit and transitioning from the second hopping frequency to the first frequency hopping and transmitting data between the HomeRF CP unit and the HomeRF unit until the next contention free period.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Examiner Contact Information***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Bangachon whose telephone number is (571)-272-3065. The examiner can normally be reached on 4/4/10.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on (571)-272-3068. The fax phone numbers for the organization where this application or proceeding is assigned is 703-872-9314 for regular and After Final formal communications. The examiner's fax number is (571)-273-3065 for informal communications.

Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

William L. Bangachon  
Examiner  
Art Unit 2635

May 2, 2005



BRIAN ZIMMERMAN  
PRIMARY EXAMINER



New Drawing

APPROVED *W/S* 4/20/15  
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500

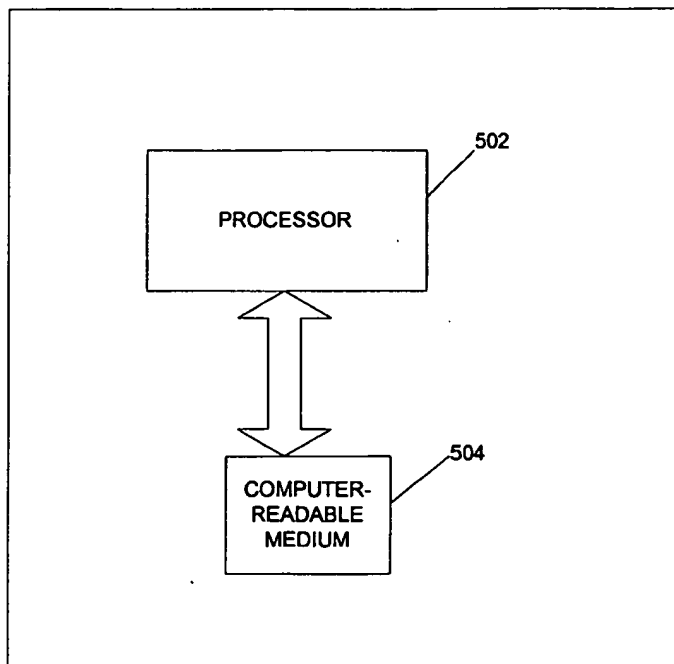


FIGURE 5